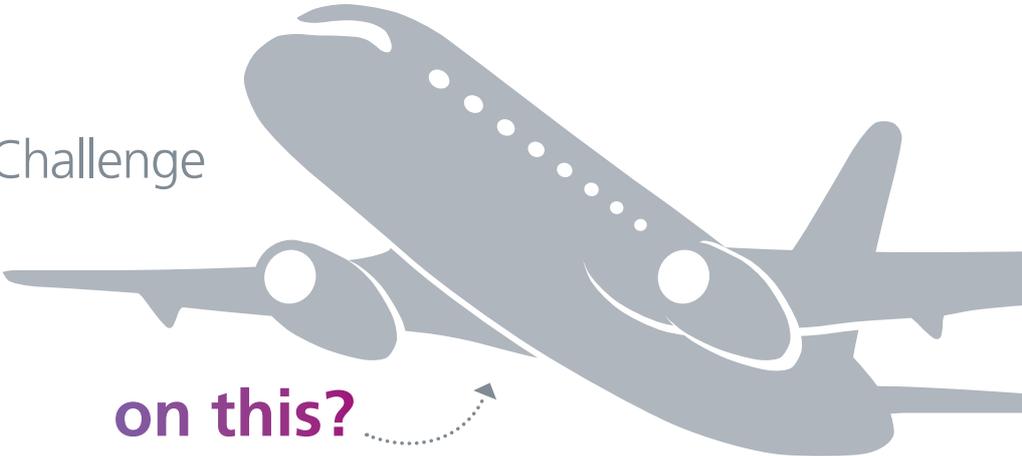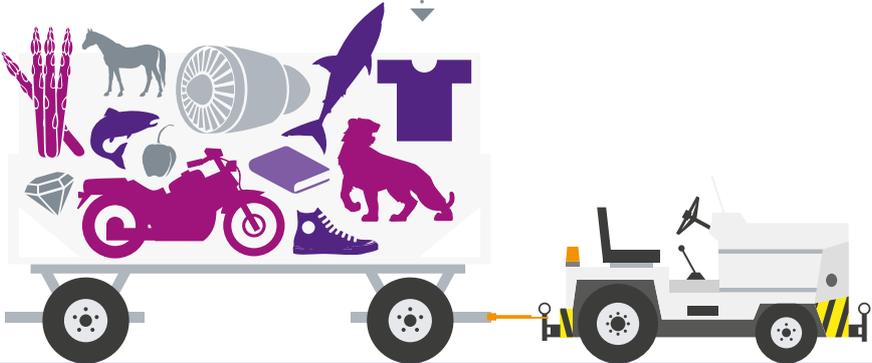# Heathrow
Primary School Coding Challenge

How do we get these
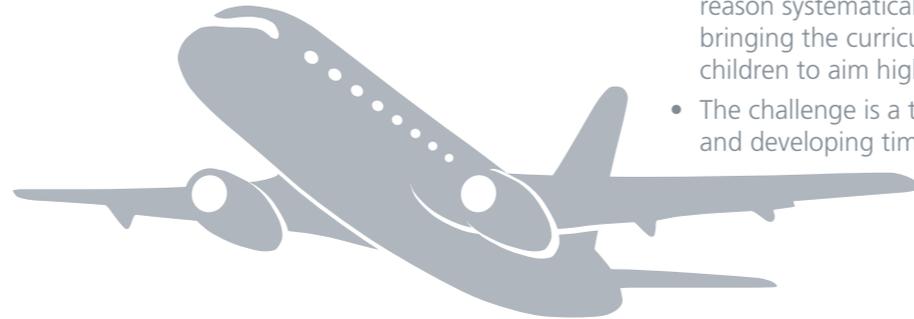
on this?

Heathrow

Overview

The Heathrow Coding Challenge is a free half day experience for Year 6 delivered in your school.

The Heathrow Primary School Challenge invests in over 50 schools in the five local boroughs of Ealing, Hillingdon, Hounslow, Slough and Spelthorne. The challenge is linked to the curriculum and has been established to inspire the next generation to consider a career at the airport.

The challenge provides an enjoyable way for 10 and 11 year olds to explore their enterprise skills, develop social and personal skills and encourages team working and communications skills.

What is the Heathrow Primary School Coding Challenge all about?

Heathrow's Primary School Challenge has been established to inspire the next generation to consider a career at the airport. The challenge provides an enjoyable way for young people to explore their enterprise skills, develop social and personal skills and encourages team working and communications skills.

What will happen on the day?

- Students receive a presentation about cargo at Heathrow, highlighting; the volume of cargo Heathrow manages, the different types of items that are carried and the journey that cargo takes through the airport
- Working in groups of three, students will use Scratch; a computer coding programme, to code a journey for their chosen cargo to get to the plane to their chosen destination
- The challenge enables young people to think creatively, reason systematically, and work collaboratively, whilst bringing the curriculum to life and encouraging the children to aim high
- The challenge is a timed exercise, encouraging team work and developing time management skills.

Heathrow is pleased to play its part in inspiring local young people.

As well as fitting with Key Stage 2, Maths / coding in the curriculum, the Heathrow Primary School Challenge day aims to:

- Provide a fun way for students to explore their enterprise skills
- Provide the opportunity to code in Scratch, learning important strategies for solving problems, designing projects, and communicating ideas
- Help students' social and personal development
- Motivate students to continue in education and highlight the links between the curriculum and the world of work
- Bring the curriculum to life and encourage the children to aim high.

Heathrow is committed to making a positive contribution.

All enterprise events involve elements of decision making, both individually and as a team.

Students are encouraged to work in teams in a positive way, respecting each other's views and communicating with each other to achieve a set outcome. This will help develop their relationships with a wide range of peers.
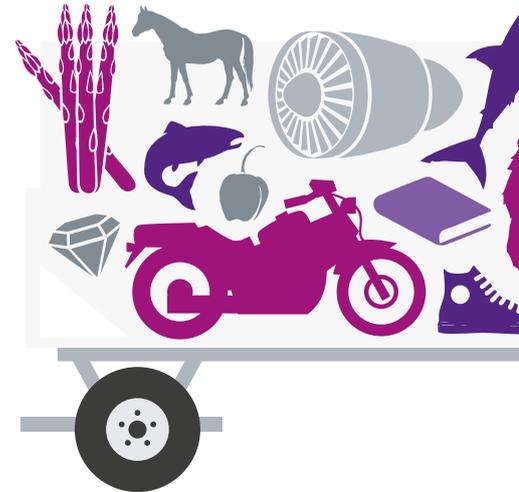
Students are required to work in teams with people they are not friends with and present in front of their peers helping to develop their self-confidence and learning skills which will help them deal with future challenges.

Challenge events are based on guidelines for Enterprise Education and Work-Related learning to encourage all students to develop creativity, problem solve, take risks and have a Can Do attitude!

Enterprise challenges are set in business context and allow students to understand the business environment and to interact with business professionals.

Working with primary schools ensures that children have a positive bank of memories, skills and experiences to build upon when the time comes for them to begin considering their journey into the world of work.

If you have any questions, or woud like to find out more, please email **Kathleen.Healy@volunteerheathrow.com**

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